

FOREST BIRD POPULATION VARIATION AS RELATED TO HABITAT TYPE*

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A 16-ha site was studied on the Keauhou Ranch, Hawai'i, to determine the interrelationships between vegetation type and presence of native and exotic birds. The area was subdivided into 64 0.25-ha plots and the vegetation sampled on each plot. On a twice-monthly basis, birds were systematically mapped on the study site, and these data compared with the vegetation samples. Birds were identified as to species, and when possible as to sex and age. One year of data has been collected and preliminary analysis shows inter-specific differences in habitat preference.